

Document Generated: 04/26/2025

Learning Style: On Demand

Technology: Amazon Web Services

Difficulty: Advanced

Course Duration: 1 Hour

AWS Cloud Architecture and Serverless for business



About this course:

Does serverless mean that there are no servers running anywhere? No, what it means is that the underlying server component that supports a solution is hidden from us, the cloud customer. In other words, a managed service.

That way we focus on what we need. So as a developer, we can focus on our application and the business problem it's solving, instead of the underlying infrastructure like installing servers and so on, to handle our code updates, code deployments, and whatnot.

So, the underlying servers are installed and managed by Amazon. That's including things like the installation of the servers.

In this course we shall discuss the various AWS architectural trade-offs, such as high availability vs. cost, and Amazon Relational Database Service (RDS) vs. installing your own database on Amazon Elastic Compute Cloud (EC2), etc.

Course Objective:

- Discuss the various architectural trade offs, such as high availability vs. cost, and Amazon Relational Database Service (RDS) vs. installing your own database on Amazon Elastic Compute Cloud (EC2).
- Discuss the importance of removing single points of failure .
- List the five pillars of a well architected framework in AWS.
- List the five pillars of a well architected framework in AWS

Prerequisite:

- There are no prerequisites required for this course

Course Outline:

- Course Introduction
- AWS Architecture
- Single Point Failure
- AWS Framework
- Multi-Tier Architecture
- Serverless
- Data Tier
- Presentation Tier
- Mobile Applications
- Microservices
- Conclusion

Credly Badge:

Display your Completion Badge And Get The Recognition You Deserve.

Add a completion and readiness badge to your LinkedIn profile, Facebook page, or Twitter account to validate your professional and technical expertise. With



badges issued and validated by Credly, you can:

- Let anyone verify your completion and achievement by clicking on the badge
- Display your hard work and validate your expertise
- Display each badge's details about specific skills you developed.

Badges are issued by QuickStart and verified through Credly.

[Find Out More](#) or [See List Of Badges](#)